

ATTACHMENT 6

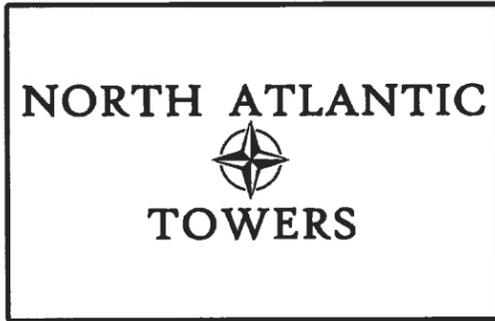
PROJECT DESCRIPTION:

CONSTRUCTION OF PUBLIC UTILITY/PERSONAL WIRELESS SERVICE FACILITY CONSISTING OF A MONOPOLE TOWER, INITIALLY (1) EQUIPMENT SHELTER, AND A UTILITY BACKBOARD WITHIN A FENCED COMPOUND. NO WATER OR SEWER IS REQUIRED.

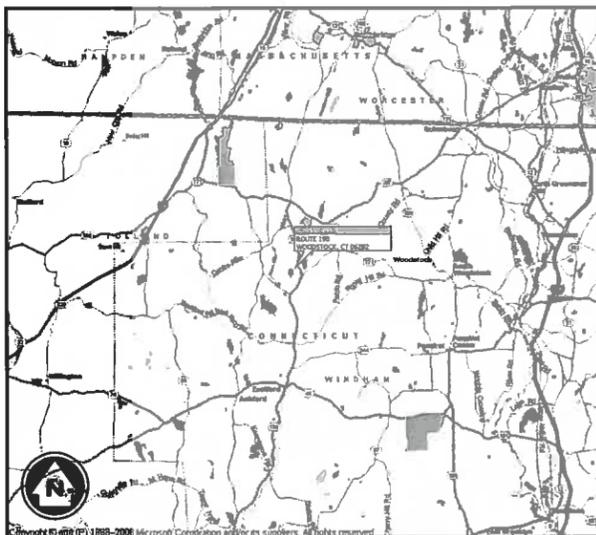
CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:

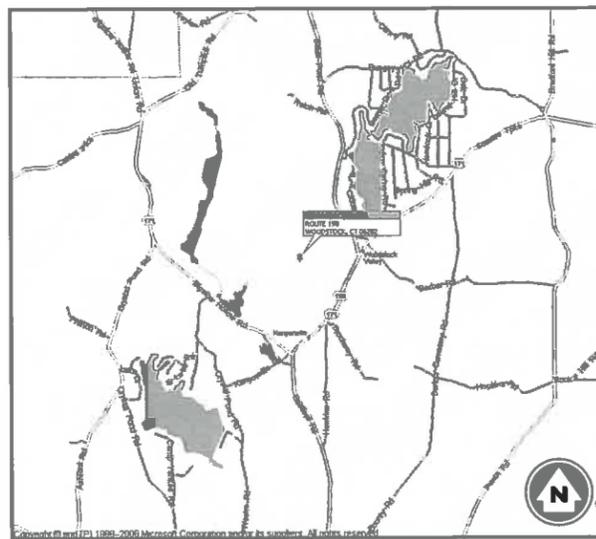
- | | |
|--|-----------------------------|
| 1. CT BUILDING CODE | 5. ANSI/TIA/EIA-222-G |
| 2. UNIFORM BUILDING CODE | 6. UNIFORM PLUMBING CODE |
| 3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA) | 7. NATIONAL ELECTRICAL CODE |
| 4. UNIFORM MECHANICAL CODE | 8. LOCAL BUILDING CODE |
| | 9. CITY/COUNTY ORDINANCES |



**WOODSTOCK
SITE ID: CT1182
ROUTE 198
WOODSTOCK, CT 06282**



VICINITY MAP
N.T.S.



LOCATION MAP
N.T.S.

infinigy
engineering

11 HERBERT DRIVE
LATHAM, NY 12110
OFFICE #: (518) 690-0790
FAX #: (518) 690-0793

PROPOSED TOWER HEIGHT: ±150' AGL
LATITUDE: 41° 56' 21.5982" N
LONGITUDE: 72° 4' 54.609" W
ELEVATION: ±795' AGL

WINDHAM COUNTY, CONNECTICUT



PROJECT INFORMATION

SITE NAME: WOODSTOCK
SITE ID: CT1182
SITE ADDRESS: ROUTE 198
WOODSTOCK, CT 06282
ZONING JURISDICTION: TBD
ZONING CLASSIFICATION: TBD
PARCEL I.D. (M/B/L/U): LOT 24: 5789/37/24///
ACCOUNT NUMBER: LOT 24: F0132200
PARCEL SIZE: LOT 24: ±128.00 ACRES
CONSTRUCTION AREA: ± 92,500 SQFT (±2.12 ACRES)
LATITUDE: 41° 56' 21.5982" N
LONGITUDE: 72° 04' 54.609" W

PROJECT DIRECTORY

PROPERTY OWNER: WOODSTOCK TOWER PARTNERS, LLC
(860) 963-2133
APPLICANT: NORTH ATLANTIC TOWERS
1001 3RD AVE WEST, SUITE 420
BRADENTON, FL 34205
JOHN STEVENS
(941) 757-5010
ENGINEER: INFINIGY ENGINEERING PLLC
11 HERBERT DRIVE
LATHAM, NY 12110
KEN CURLEY
(518) 690-0790
ATTORNEY: CUDDY & FEDER LLP
445 HAMILTON STREET, 14TH FLOOR
WHITE PLAINS, NY 10601
LUCIA CHIOCCIO, ESQ
(914) 761-1300

POWER COMPANY: TBD

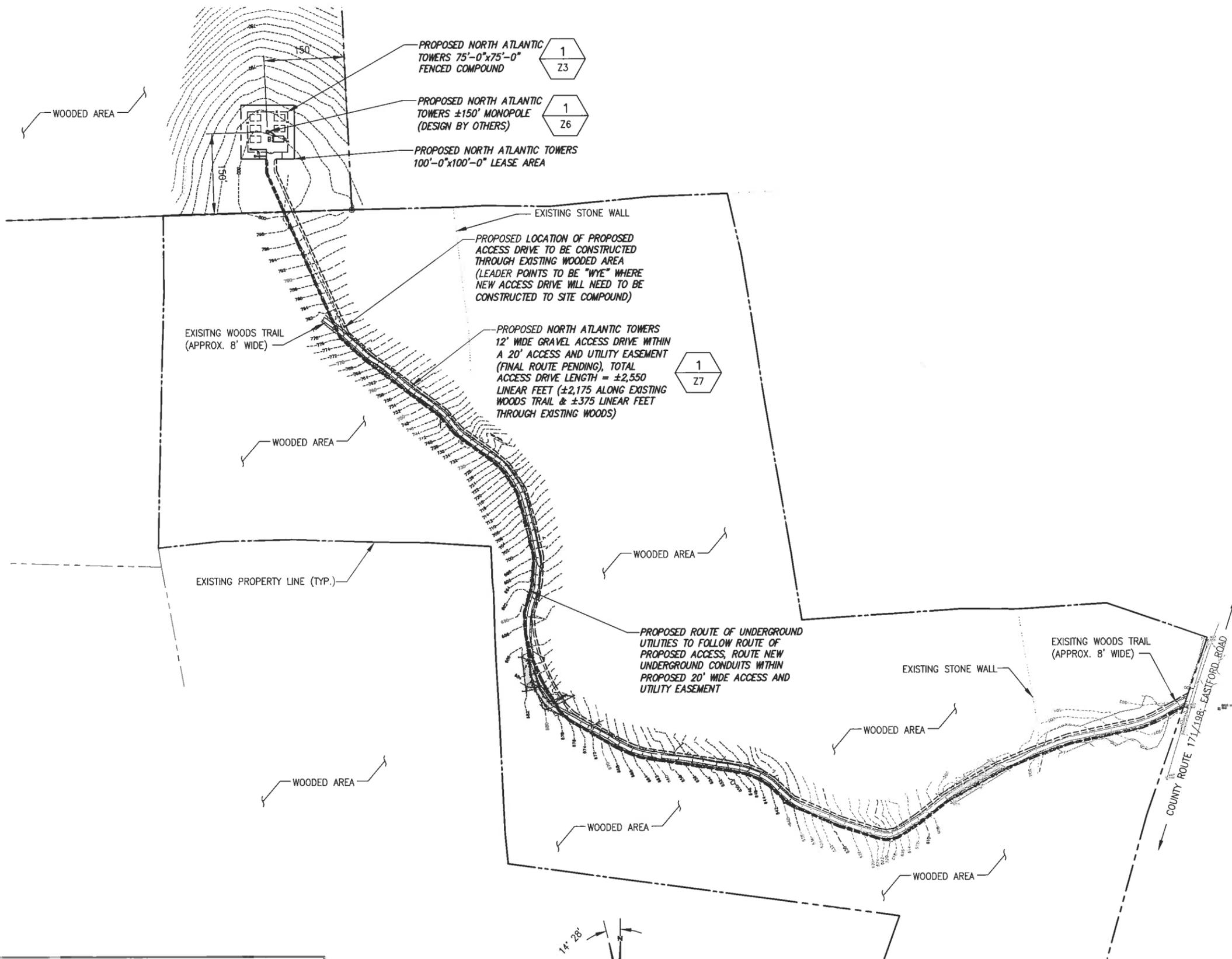
TELCO COMPANY: TBD

DRAWING INDEX

DRWG. #	TITLE	REV.#	DATE
T1	TITLE SHEET	7	2/14/2012
Z1	(REMOVED FROM DRAWING SET)	7	2/14/2012
Z2	OVERALL SITE PLAN	7	2/14/2012
Z3	ENLARGED SITE PLAN	7	2/14/2012
Z4	GRADING PLAN	7	2/14/2012
Z4A	ACCESS ROAD GRADING PLAN	7	2/14/2012
Z4B	ACCESS ROAD GRADING PLAN	7	2/14/2012
Z4C	ACCESS ROAD GRADING PLAN	7	2/14/2012
Z4D	ACCESS ROAD GRADING PLAN	7	2/14/2012
Z4E	ACCESS ROAD GRADING PLAN	7	2/14/2012
Z5	GRADING NOTES & DETAILS	7	2/14/2012
Z6	ELEVATION VIEW	7	2/14/2012
Z7	DETAILS	7	2/14/2012
Z8	E&SC DETAILS	7	2/14/2012
Z9	SWM DETAILS	7	2/14/2012

DIG ALERT:
CALL FOR UNDERGROUND UTILITIES PRIOR TO DIGGING:
1-800-922-4455

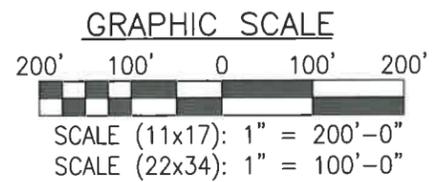
EMERGENCY:
CALL 911



- GENERAL NOTES:**
1. LOCATION OF PROPOSED ACCESS ROAD BASED ON FIELD VISIT BY INFINGY ENGINEERING ON 1/19/2012
 2. EXISTING CONDITIONS INFORMATION OBTAINED FROM LIMITED TOPOGRAPHIC FIELD SURVEY COMPLETED BY INFINGY SURVEYING ON 1/31/2012
 3. WETLAND DELINEATION COMPLETED BY INFINGY ENGINEERING ON 1/21/2012 DURING WINTER CONDITIONS

- SITE CONSTRUCTION NOTES:**
- GRASS AND MULCH ALL DISTURBED AREAS

1 OVERALL SITE PLAN
SCALE: 1" = 200'-0"



infingy engineering
11 Herbert Drive
Latham, NY 12110
OFFICE: (518) 690-0790
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STATE OF CONNECTICUT
JOHN S. STEVENS
10/24/05
LICENSED PROFESSIONAL ENGINEER

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7	NEW ACCESS ROUTE	AJD	2/14/12
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0	ISSUED FOR REVIEW	BPM	1/19/11

Drawn: BPM Date: 3/11/11
Designed: AJD Date: 3/11/11
Checked: AJD Date: 3/11/11

Project Number 228-084

Project Title
WOODSTOCK CT1182
ROUTE 198
WOODSTOCK, CT 06281

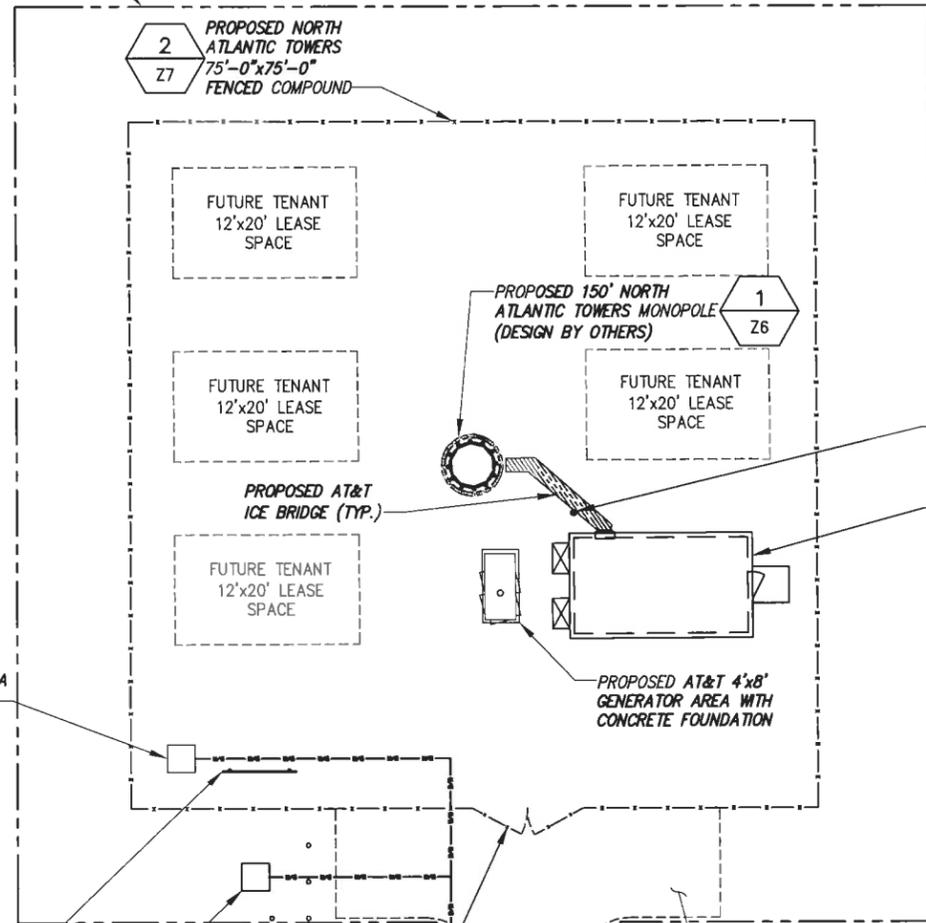
Prepared For
NORTH ATLANTIC TOWERS
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Drawing Scale: AS NOTED
Date: 9/27/11

Drawing Title
OVERALL SITE PLAN

Drawing Number
Z2

PROPOSED NORTH ATLANTIC TOWERS 100'-0"x100'-0" LEASE AREA



PROPOSED AT&T GPS ANTENNA (TYP.)

PROPOSED AT&T 11'-6"x20'-0" EQUIPMENT SHELTER AREA INSTALLED ON CONCRETE FOUNDATION

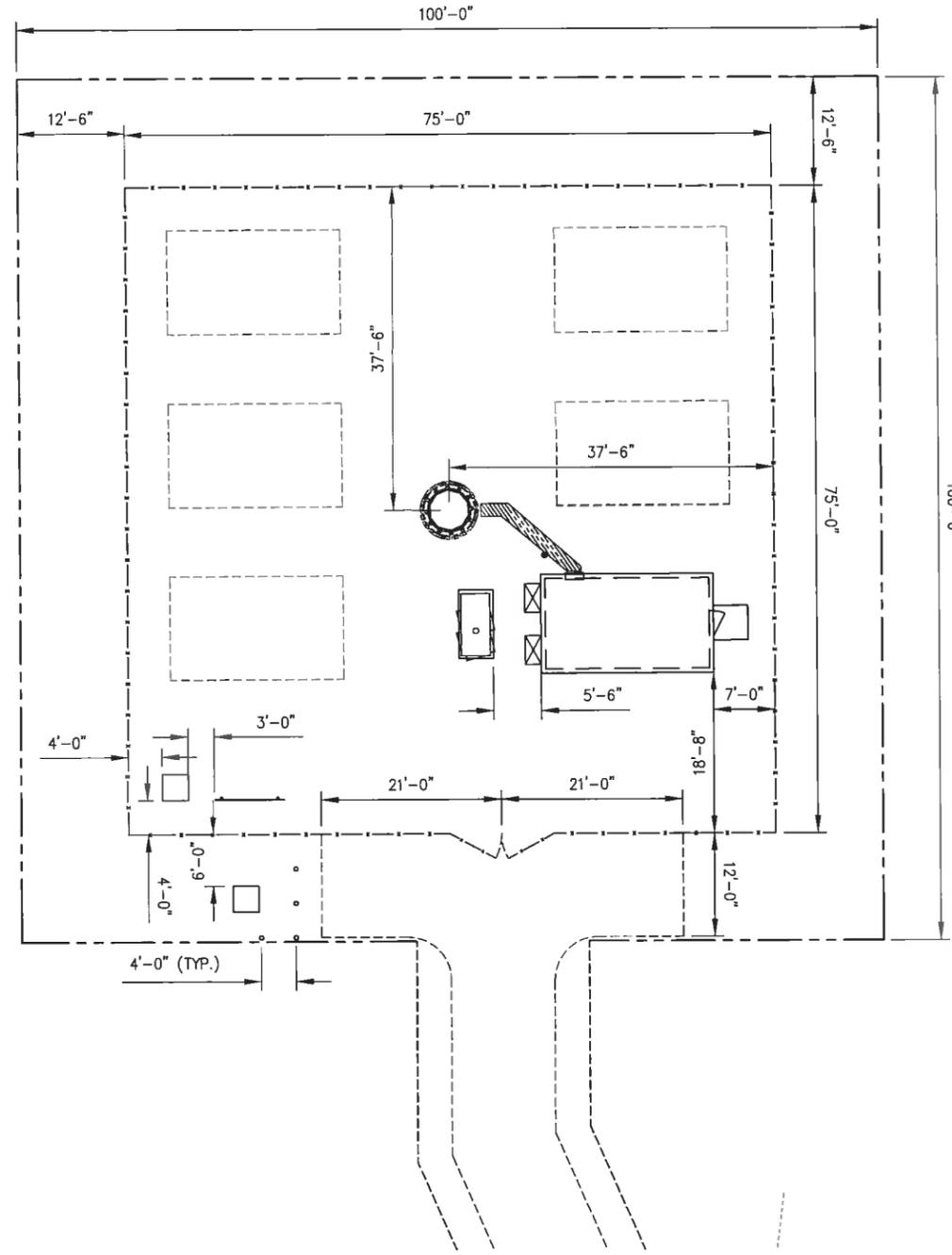
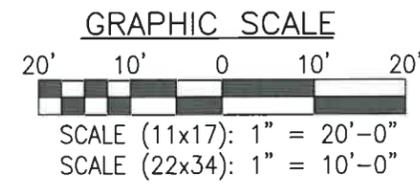
PROPOSED TRANSFORMER

PROPOSED 6"Ø BOLLARDS (TYP. OF (4))

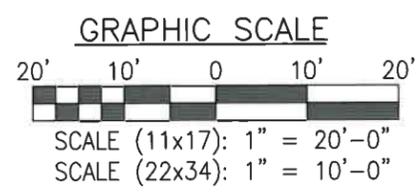
4
Z7
PROPOSED 12' WIDE DOUBLE SWING GATE

1
Z7
PROPOSED 12' WIDE GRAVEL ACCESS DRIVE

1 ENLARGED SITE PLAN
SCALE:



2 STAKING PLAN
SCALE:



GENERAL NOTES:

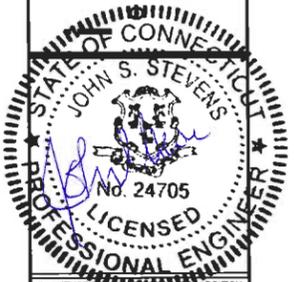
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SITE CONSTRUCTION NOTES:

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Designed: AJD Date: 3/11/11
Checked: AJD Date: 3/11/11

Project Number: 228-064

Project Title:
WOODSTOCK CT1182
ROUTE 198
WOODSTOCK, CT 06281

Prepared For:
NORTH ATLANTIC TOWERS

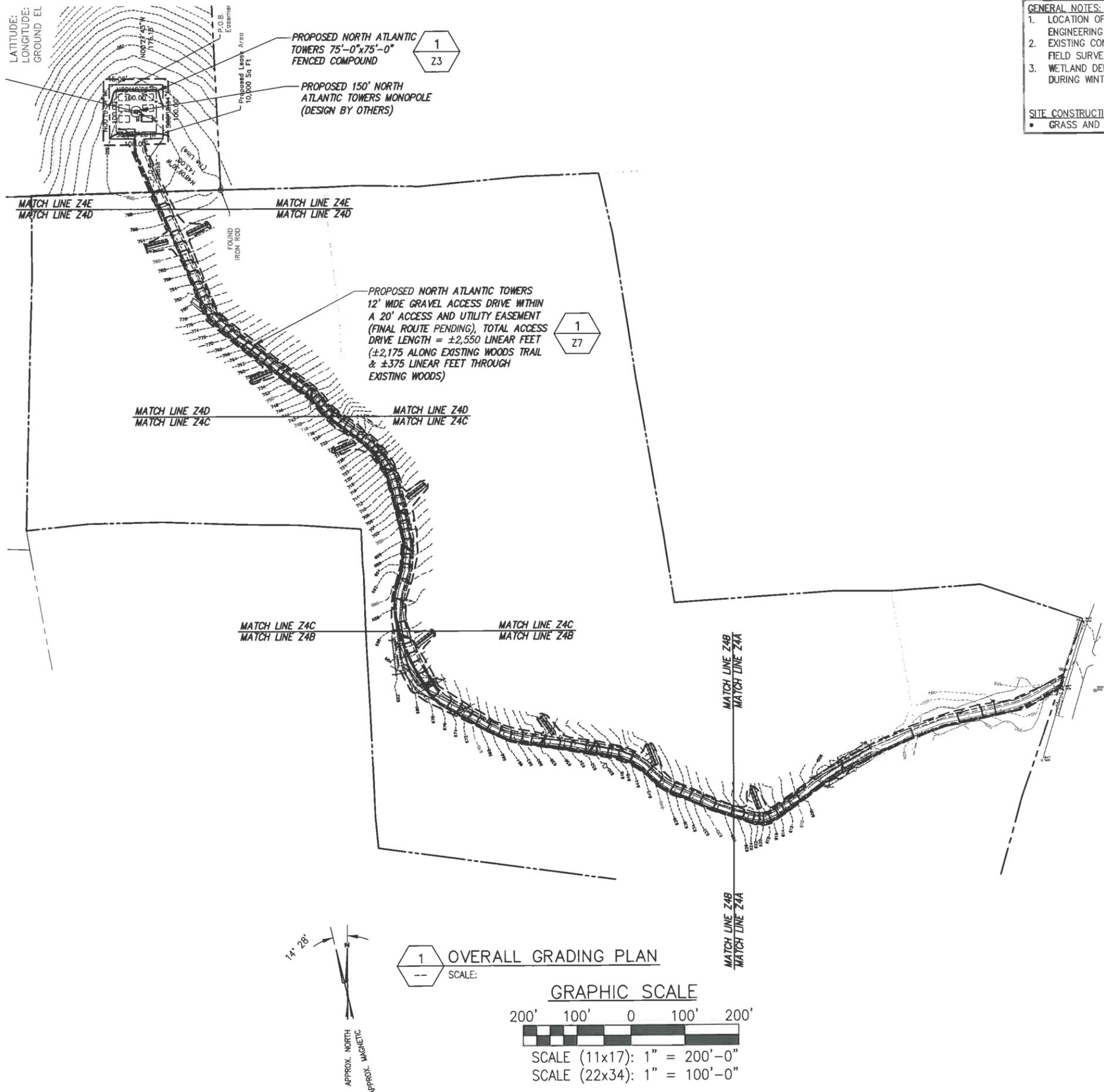
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Drawing Scale:
AS NOTED

Date:
9/27/11

Drawing Title:
ENLARGED SITE PLAN

Drawing Number:
23

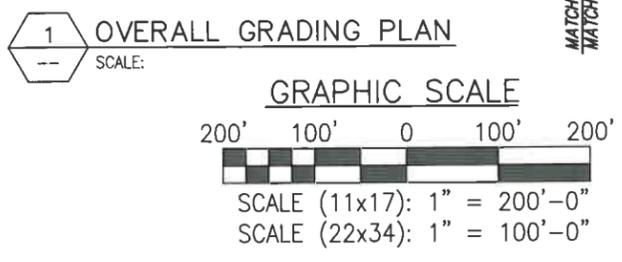


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Project Number: 228-064

Project Title: **WOODSTOCK CT1182**

ROUTE 188
WOODSTOCK, CT 06281

Prepared For:

NORTH ATLANTIC TOWERS

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Drawing Scale: AS NOTED

Date: 9/27/11

Drawing Title: **GRADING PLAN**

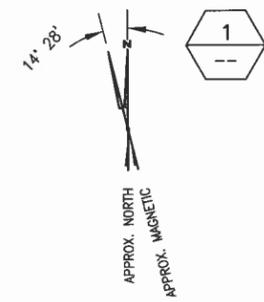
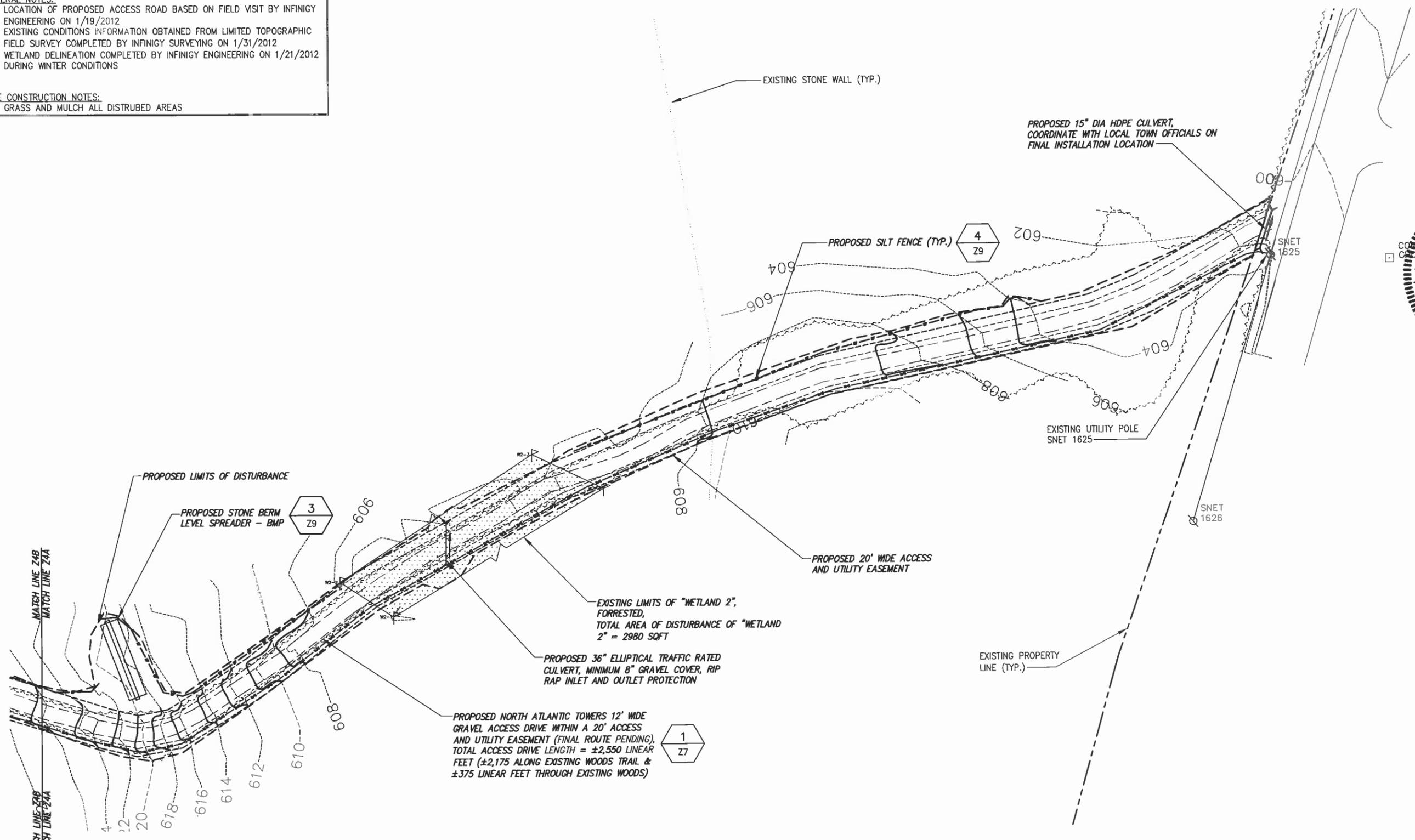
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GENERAL NOTES:

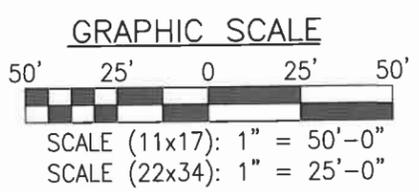
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SITE CONSTRUCTION NOTES:

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1 SECTIONED GRADING PLAN
SCALE:



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STATE OF CONNECTICUT
JOHN S. STEVENS
No. 24705
LICENSED PROFESSIONAL ENGINEER

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Drawn: BPM Date: 3/11/11
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Checked: AJD Date: 3/11/11

Project Number: 228-084

Project Title:
WOODSTOCK CT1182

ROUTE 198
WOODSTOCK, CT 06281

Prepared For:
NORTH ATLANTIC TOWERS

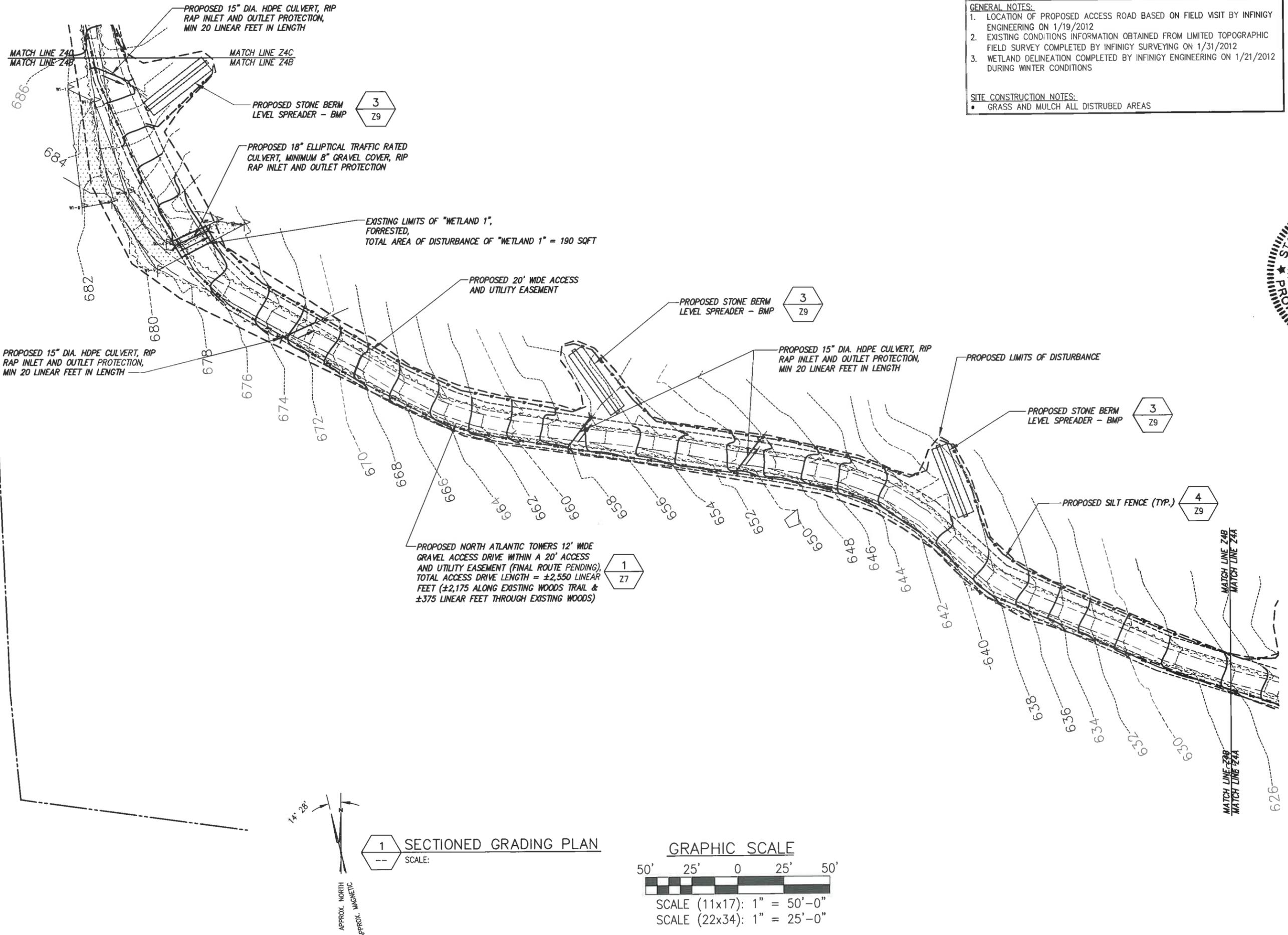
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AS NOTED

Date:
9/27/11

Drawing Title:
ACCESS ROAD GRADING PLAN

Drawing Number:
Z4A



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- GRASS AND MULCH ALL DISTURBED AREAS



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FAX: (518) 690-0793

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Project Number
228-084

Project Title
**WOODSTOCK
CT1182**

ROUTE 198
WOODSTOCK, CT 06281

Prepared For
**NORTH ATLANTIC
TOWERS**

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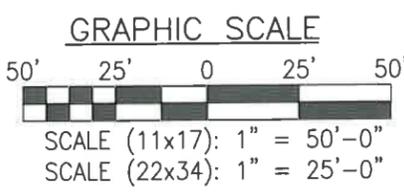
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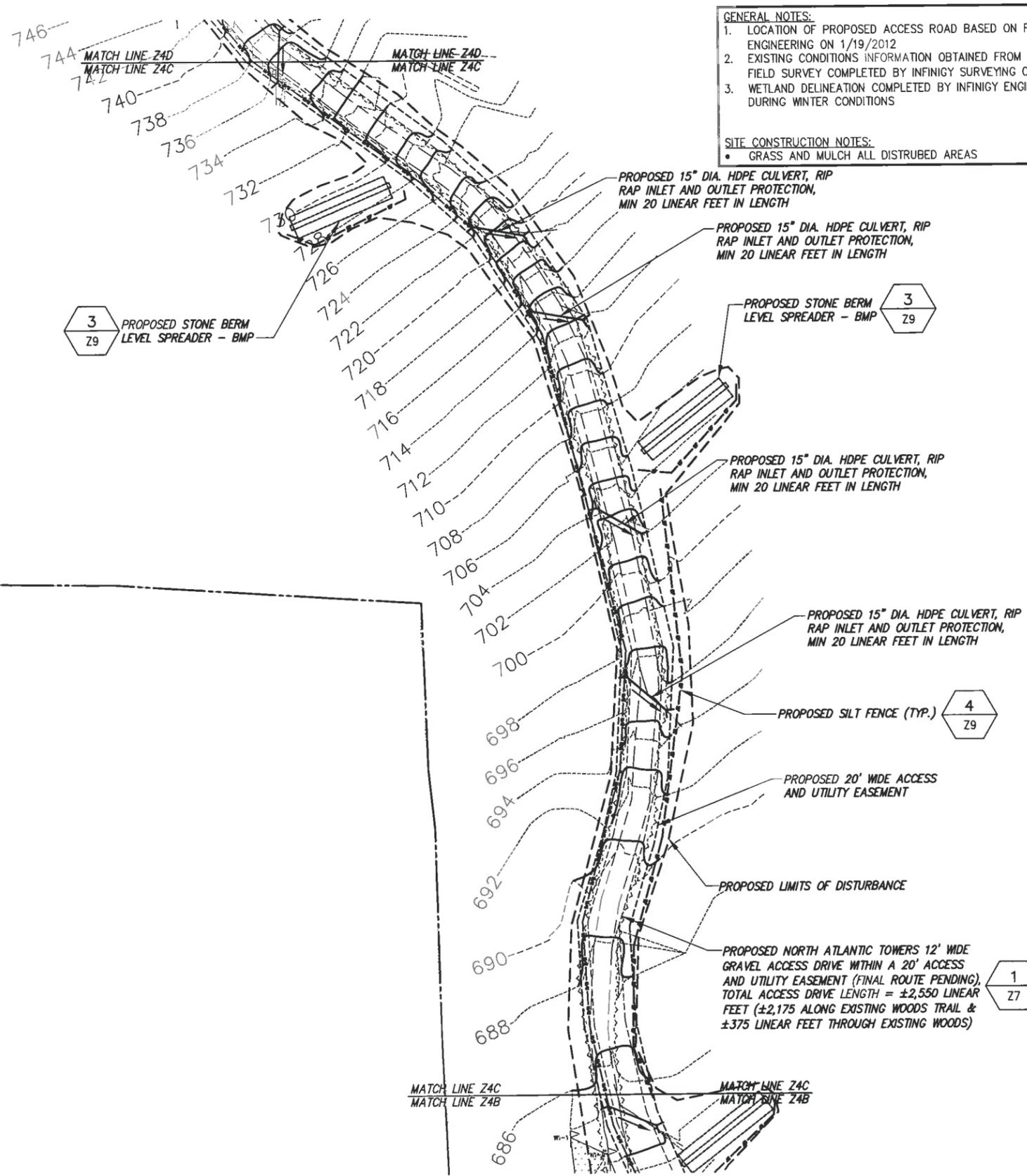
Date:
9/27/11

Drawing Title
**ACCESS
ROAD
GRADING
PLAN**

Drawing Number
Z4B

1 SECTIONED GRADING PLAN
SCALE:



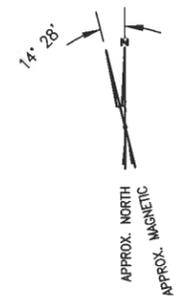


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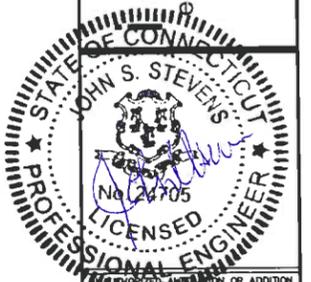
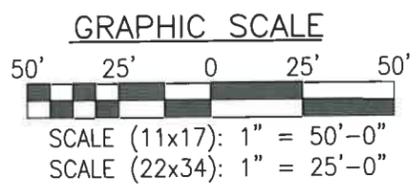
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SITE CONSTRUCTION NOTES:

- GRASS AND MULCH ALL DISTURBED AREAS



1 SECTIONED GRADING PLAN
SCALE:



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Project Number: 228-064

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WOODSTOCK CT1182
ROUTE 188
WOODSTOCK, CT 06281

Prepared For:
NORTH ATLANTIC TOWERS

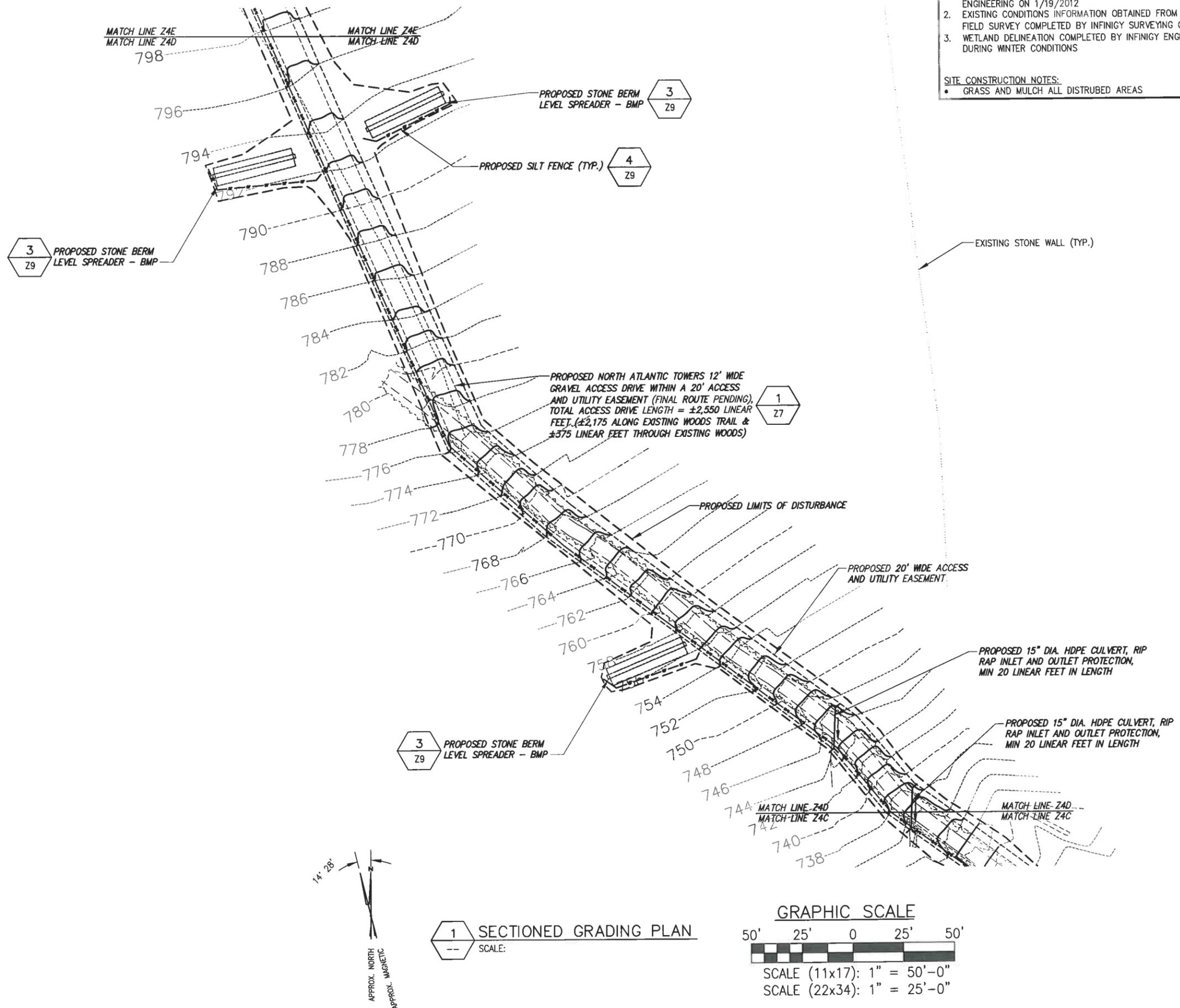
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Drawing Scale: AS NOTED
Date: 8/27/11

Drawing Title:
ACCESS ROAD GRADING PLAN

Drawing Number:
Z4C

infinigy engineering
11 Herbert Drive
Latham, NY 12110
OFFICE: (518) 690-0790
FAX: (518) 690-0793



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WOODSTOCK CT1182
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 WOODSTOCK, CT 06281

Prepared For:
NORTH ATLANTIC TOWERS

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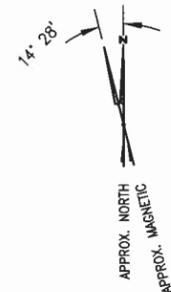
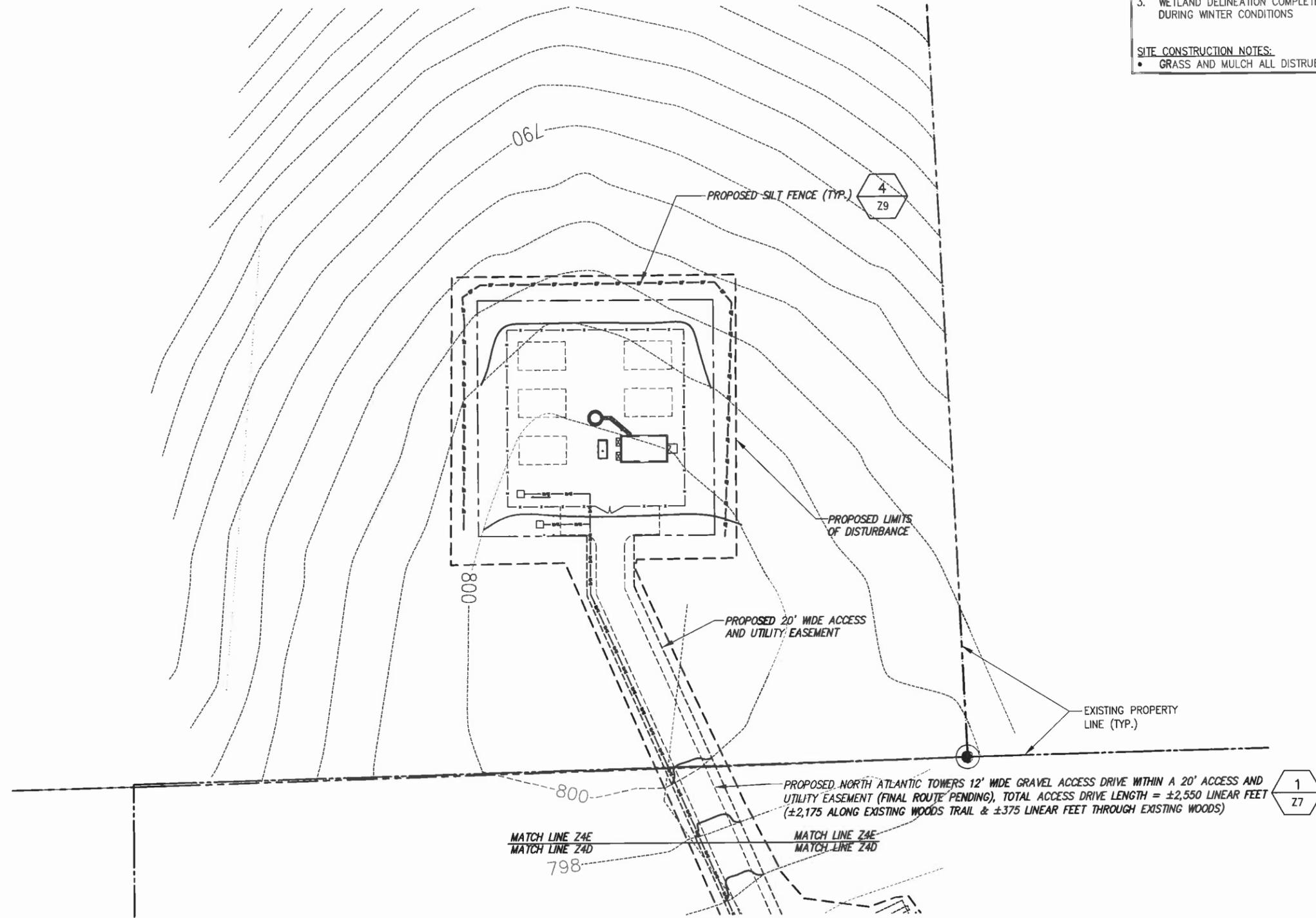
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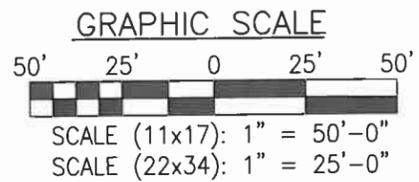
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Z4D

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SECTIONED GRADING PLAN
SCALE:



infinigy
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2	REVISED PER COMMENTS	AJD	5/23/11
1	REVISED PER COMMENTS	MEK	3/11/11
0	ISSUED FOR REVIEW	BPM	1/18/11

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Designed: AJD Date: 3/11/11
Checked: AJD Date: 3/11/11

Project Number
226-064

Project Title
WOODSTOCK CT1182

ROUTE 188
WOODSTOCK, CT 06281

Prepared For

NORTH ATLANTIC TOWERS

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Drawing Scale:
AS NOTED

Date:
9/27/11

Drawing Title
ACCESS ROAD GRADING PLAN

Drawing Number
Z4E

GRADING & EXCAVATING NOTES:

- ALL EXCAVATIONS ON WHICH CONCRETE IS TO BE PLACED SHALL BE SUBSTANTIALLY HORIZONTAL ON UNDISTURBED AND UNFROZEN SOIL AND BE FREE FROM LOOSE MATERIAL AND EXCESS GROUNDWATER. DEWATERING FOR EXCESS GROUNDWATER SHALL BE PROVIDED IF REQUIRED.
- CONCRETE FOUNDATIONS SHALL NOT BE PLACED ON ORGANIC MATERIAL. IF SOUND SOIL IS NOT REACHED AT THE DESIGNATED EXCAVATION DEPTH, THE UNSATISFACTORY SOIL SHALL BE EXCAVATED TO ITS FULL DEPTH AND EITHER BE REPLACED WITH MECHANICALLY COMPACTED GRANULAR MATERIAL OR THE EXCAVATION BE FILLED WITH CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION.
- ANY EXCAVATION OVER THE REQUIRED DEPTH SHALL BE FILLED WITH EITHER MECHANICALLY COMPACTED GRANULAR MATERIAL OR CONCRETE OF THE SAME QUALITY SPECIFIED FOR THE FOUNDATION. CRUSHED STONE MAY BE USED TO STABILIZE THE BOTTOM OF THE EXCAVATION. STONE, IF USED, SHALL NOT BE USED AS COMPILING CONCRETE THICKNESS.
- AFTER COMPLETION OF THE FOUNDATION AND OTHER CONSTRUCTION BELOW GRADE, AND BEFORE BACKFILLING, ALL EXCAVATIONS SHALL BE CLEAN OF UNSUITABLE MATERIAL SUCH AS VEGETATION, TRASH, DEBRIS, AND SO FORTH.
- USE APPROVED MATERIALS CONSISTING OF EARTH, LOAM, SANDY CLAY, SAND -BE FREE FROM CLODS OR STONES OVER 2-1/2" MAXIMUM DIMENSIONS -BE PLACED IN 6" LAYERS AND COMPACTED TO 95% STANDARD PROCTOR EXCEPT IN GRASSED/LANDSCAPED AREAS, WHERE 90% STANDARD PROCTOR
- REMOVE ALL VEGETATION, TOPSOIL, DEBRIS, WET AND UNSATISFACTORY SOIL MATERIALS, OBSTRUCTIONS, AND DELETERIOUS MATERIALS FROM GROUND SURFACE PRIOR TO PLACING FILLS. PLOW, STRIP, OR BREAK UP SLOPED SURFACES STEEPER THAN THAN 1 VERTICAL TO 4 HORIZONTAL SO FILL MATERIAL WILL BOND WITH EXISTING SURFACE. WHEN SUBGRADE OR EXISTING GROUND SURFACE TO RECEIVE FILL HAS A DENSITY LESS THAN THAT REQUIRED FOR FILL, BREAK UP GROUND SURFACE TO DEPTH REQUIRED, PULVERIZE, MOISTURE-CONDITION OR AERATE SOIL AND RECOMPACT TO REQUIRED DENSITY.
- PROTECT EXISTING GRAVEL SURFACING AND SUBGRADE IN AREAS WHERE EQUIPMENT LOADS WILL OPERATE. USE PLANKING OR OTHER SUITABLE MATERIALS DESIGNED TO SPREAD EQUIPMENT LOADS. REPAIR DAMAGE TO EXISTING GRAVEL SURFACING OR SUBGRADE WHERE SUCH DAMAGE IS DUE TO THE CONTRACTOR'S OPERATIONS. DAMAGED GRAVEL SURFACING SHALL BE RESTORED TO MATCH THE ADJACENT UNDAMAGED GRAVEL SURFACING AND SHALL BE OF THE SAME THICKNESS.
- REPLACE EXISTING GRAVEL SURFACING ON AREAS FROM WHICH GRAVEL SURFACING IS REMOVED DURING CONSTRUCTION OPERATIONS. GRAVEL SURFACING SHALL BE REPLACED TO MATCH EXISTING ADJACENT GRAVEL SURFACING AND SHALL BE OF THE SAME THICKNESS. SURFACES OF GRAVEL SURFACING SHALL BE FREE FROM CORRUGATIONS AND WAVES. EXISTING GRAVEL SURFACING MAY BE EXCAVATED SEPARATELY AND REUSED IF INJURIOUS AMOUNTS OF EARTH, ORGANIC MATTER, OR OTHER DELETERIOUS MATERIALS ARE REMOVED PRIOR TO REUSE. FURNISH ALL ADDITIONAL GRAVEL RESURFACING MATERIAL AS REQUIRED. BEFORE GRAVEL SURFACING IS REPLACED, SUBGRADE SHALL BE GRADED TO CONFORM TO REQUIRED SUBGRADE ELEVATIONS, AND LOOSE OR DISTURBED MATERIALS SHALL BE THOROUGHLY COMPACTED. DEPRESSIONS IN THE SUBGRADE SHALL BE FILLED AND COMPACTED WITH APPROVED SELECTED MATERIAL. GRAVEL SURFACING MATERIAL MAY BE USED FOR FILLING DEPRESSIONS IN THE SUBGRADE, SUBJECT TO ENGINEER'S APPROVAL.
- DAMAGE TO EXISTING STRUCTURES AND UTILITIES RESULTING FROM CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED/REPLACED TO OWNER'S SATISFACTION AT CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL COORDINATE THE CONSTRUCTION SCHEDULE WITH PROPERTY OWNER SO AS TO AVOID INTERRUPTIONS TO PROPERTY OWNER'S OPERATIONS.
- ENSURE POSITIVE DRAINAGE DURING AND AFTER COMPLETION OF CONSTRUCTION.
- ALL CUT AND FILL SLOPES SHALL BE MAXIMUM 2 HORIZONTAL TO 1 VERTICAL.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING SITE VEHICLE TRAFFIC AS TO NOT ALLOW VEHICLES LEAVING THE SITE TO TRACK MUD ONTO PUBLIC STREETS. THE CONTRACTOR IS RESPONSIBLE FOR CLEANING PUBLIC STREETS DUE TO MUDDY VEHICLES LEAVING THE SITE.

MULCH APPLICATION RATES				
MATERIAL	RATE / ACRE	DEPTH	COVERAGE	ANCHORING
HAY/STRAW	90-100 BALES	4" (WINTER)	90% SURFACE	*HYDROMULCH
WOOD CHIPS	10-20 TONS	2" TO 6"	90% SURFACE	NOT NEEDED
COMPOST	150-450 CYDS	2" TO 4"	100% SURFACE	NOT NEEDED
HYDROMULCH	2,000 LBS	1/4" TO 1/2"	100% SURFACE	**TACKIFIER

- NOTES:**
- * HYDROMULCH ANCHORING HAY/STRAW MUST BE APPLIED AT 80 - 100 LBS PER ACRE
 - ** ADD TACKIFIER PER MANUFACTURER RECOMMENDATIONS IF NOT INCLUDED IN HYDROMULCH

GENERAL EROSION & SEDIMENT CONTROL NOTES:

- THE SOIL EROSION AND SEDIMENT CONTROL MEASURES AND DETAILS AS SHOWN HERIN AND STIPULATED WITHIN STATE STANDARDS SHALL BE FOLLOWED AND INSTALLED IN A MANNER SO AS TO MINIMIZE SEDIMENT LEAVING THE SITE.
- PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS.
- EROSION CONTROL DEVICES SHALL BE INSTALLED BEFORE GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL CLEAN OUT ALL SEDIMENT PONDS WHEN REQUIRED BY THE ENGINEER OR THE LOCAL JURISDICTION INSPECTOR. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
- THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT IS WITHIN 12" OF THE TOP OF THE SILT FENCE.
- FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB SITE UNTIL SUCH MEASURES ARE CORRECTED.
- SILT BARRIERS TO BE PLACED AT DOWNSTREAM TOE OF ALL CUT AND FILL SLOPES.
- ALL CUT AND FILL SLOPES MUST BE SURFACED ROUGHENED AND VEGETATED WITHIN SEVEN (7) DAYS OF THEIR CONSTRUCTION.
- CONTRACTOR SHALL REMOVE ALL EROSION & SEDIMENT CONTROL MEASURES AFTER COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.

STONE BERM LEVEL SPREADER NOTES

- LEVEL SPREADER DIMENSIONS:**
LEVEL SPREADER TROUGH MINIMUM DIMENSIONS = 30' LENGTH, 4' WIDTH, 2' HEIGHT
- LEVEL SPREADER SEQUENCING:**
- LEVEL SPREADERS TO BE CONSTRUCTED IMMEDIATELY AFTER CLEARING/GRUBBING FOR THE ROADWAY AND PRIOR TO INITIATION OF ANY LAND GRADING ACTIVITIES
 - LEVEL SPREADERS TO FUNCTION AS SEDIMENT DEVICES PRIOR TO INSTALLATION OF GRAVEL ROAD, AFTER WHICH THEY MUST BE CLEANED OF ACCUMULATED SEDIMENT AND RESTORED TO THEIR ORIGINAL DESIGN VOLUMES THEN IMMEDIATELY STABILIZED

- OPERATION AND MAINTENANCE REQUIREMENTS:**
- STORAGE AREA OF LEVEL SPREADERS TO BE INSPECTED ON AN BI-ANNUAL BASIS
 - ACCUMULATED SEDIMENTS TO BE REMOVED TO RESTORE ORIGINAL DESIGN DIMENSION
 - DISPOSAL OF SEDIMENTS MUST BE IN AN AREA AWAY FOR CONCENTRATED FLOWS
 - DISTURBED SOILS MUST BE IMMEDIATELY STABILIZED WITH GRASS SEED AND MULCH

PROTECTED FORESTED BUFFER NOTES

- OPERATION AND MAINTENANCE:**
- REMOVAL OF VEGETATION IN FORESTED BUFFERS BELOW LEVEL SPREADERS IS TO BE PROHIBITED FOR THE DURATION OF THE CURRENT AND FUTURE LEASE PERIODS
 - BUFFER AREAS ARE TO BE INSPECTED ANNUALLY FOR EVIDENCE OF CHANNELIZATION OR SOIL EROSION BY RUNOFF ORIGINATING FROM THE LEVEL SPREADERS AND FOR REMOVAL OF VEGETATION IN THE DESIGNATED BUFFER AREAS ON THE SITE PLANS

VEGETATIVE SCHEDULE				
	SPECIES	RATE/1000 S.F.	DATE	
TALL FESCUE GRASS		1.0#	APRIL 1 - OCTOBER 15	
SERICEA LESPEDEZA SEED BEARING HAY WITH OVERSEEDING WEEPING LOVEGRASS		140# 0.2#	OCTOBER 1 - MARCH 15 MARCH 15 - MAY 1	
FERTILIZER MIX				
APPLICATION	N, #/ACRE	P ₂ O ₅ , #/ACRE	K ₂ O, #/ACRE	N, TOP DRESSING
1st	60 - 90	120 - 180	120 - 180	50
2nd	60	120	120	-

NOTE:
- GRASS AND MULCH ALL DISTURBED AREAS WITHIN SEVEN(7) DAYS OF FINAL GRADING

HYDRAULIC SEEDING EQUIPMENT

WHEN HYDRAULIC SEEDING AND FERTILIZING EQUIPMENT IS USED, NO GRADING AND SHAPING OR SEEDBED PREPARATION WILL BE REQUIRED. THE FERTILIZER, SEED AND WOOD CELLULOSE FIBER MULCH WILL BE MIXED WITH WATER AND APPLIED IN A SLURRY. ALL SLURRY INGREDIENTS MUST BE COMBINED TO FORM A HOMOGENEOUS MIXTURE, AND SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER MIXTURE IS MADE. STRAW OR HAY MULCH AND ASPHALT EMULSION WILL BE APPLIED WITH BLOWER-TYPE MULCH SPREADING EQUIPMENT WITHIN 24 HOURS AFTER SEEDING, THE MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED.

CONVENTIONAL SEEDING EQUIPMENT

GRADE, SHAPE AND SMOOTH WHERE NEEDED TO PROVIDE FOR SAFE EQUIPMENT OPERATION AT SEEDING TIME AND FOR MAINTENANCE PURPOSES. THE LIME AND FERTILIZER IN DRY FORM WILL BE SPREAD UNIFORMLY OVER THE AREA IMMEDIATELY BEFORE SEEDBED PREPARATION. A SEEDBED WILL BE PREPARED BY SCARIFYING TO A DEPTH OF 1 TO 4 INCHES AS DETERMINED ON SITE. THE SEEDBED MUST BE WELL PULVERIZED, SMOOTHED AND FIRMED. SEEDING WILL BE DONE WITH MULTIPACKER-SEEDER, DRILL, ROTARY SEEDER OR OTHER MECHANICAL OR HAND SEEDER. SEED WILL BE DISTRIBUTED UNIFORMLY OVER A FRESHLY PREPARED SEEDBED AND COVERED LIGHTLY. WITHIN 24 HOURS AFTER SEEDING, STRAW OR HAY MULCH WILL BE SPREAD UNIFORMLY OVER THE AREA, LEAVING ABOUT 25 PERCENT OF THE GROUND SURFACE EXPOSED. MULCH WILL BE SPREAD WITH BLOWER-TYPE MULCH EQUIPMENT OR BY HAND AND ANCHORED IMMEDIATELY AFTER IT IS SPREAD. A DISK HARROW WITH THE DISK SET STRAIGHT OR A SPECIAL PACKER DISK MAY BE USED TO PRESS THE MULCH INTO THE SOIL.

PROJECTS WITH CT CONSTRUCTION STORMWATER GENERAL PERMIT COVERAGE CONSTRUCTION SEQUENCE/EROSION CONTROL NOTES

ALL PERIMETER CONTROLS SHALL BE INSTALLED PRIOR TO INITIATING EARTH MOVING OPERATIONS. ALL SWALES SHALL BE INSTALLED EARLY IN THE CONSTRUCTION SEQUENCE (BEFORE ROUGH GRADING). ALL DITCHES, LEVEL SPREADERS, AND SWALES SHALL BE STABILIZED PRIOR TO RECEIVING RUNOFF. ALL ROADS AND PARKING LOTS SHALL BE STABILIZED WITHIN 72 HOURS OF ACHIEVING FINISHED GRADE. ALL CUT OR FILL SLOPES SHALL BE SEEDED/LOAMED WITHIN 24 HOURS OF ACHIEVING FINISHED GRADE. ALL EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EVERY 0.5" OF RAINFALL.

LIMITS ON SIZE OF ALLOWABLE DISTURBED AREA:

THE SMALLEST PRACTICAL AREA SHALL BE DISTURBED DURING CONSTRUCTION, BUT IN NO CASE SHALL EXCEED 5 ACRES AT ANY ONE TIME BEFORE PREVIOUSLY DISTURBED AREAS HAVE BEEN STABILIZED.

DEFINITION OF STABLE:

- AN AREA SHALL BE CONSIDERED STABLE IF ONE OF THE FOLLOWING HAS OCCURRED:
- BASE COURSE OF GRAVEL HAS BEEN INSTALLED IN AREAS TO BE PAVED OR TO BE GRAVEL ROADS.
 - A MINIMUM OF 85 PERCENT VEGETATED GROWTH HAS BEEN ESTABLISHED AND MAINTAINED.
 - A MINIMUM OF 3 INCHES OF NON-EROSIVE MATERIAL SUCH STONE OR RIPRAP HAS BEEN INSTALLED.
 - OR, ROLLED EROSION CONTROL PRODUCTS (RECPs) HAVE BEEN PROPERLY INSTALLED.

TIME LIMIT OF EXPOSED SOIL:

ALL AREAS IN THE PROPOSED PROJECT SHALL BE STABILIZED WITHIN 45 DAYS OF INITIAL DISTURBANCE.

STANDARD WINTER NOTES (WHEN APPLICABLE):

ALL PROPOSED VEGETATED AREAS THAT DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED BY SEEDING AND INSTALLING EROSION CONTROL BLANKETS ON SLOPES GREATER THAN 3:1, AND SEEDING AND PLACING 3 TO 4 TONS OF MULCH PER ACRE, SECURED WITH ANCHORED NETTING, ELSEWHERE. THE INSTALLATION OF EROSION CONTROL BLANKETS OR MULCH AND NETTING SHALL NOT OCCUR OVER ACCUMULATED SNOW OR ON FROZEN GROUND AND SHALL BE COMPLETED IN ADVANCE OF THAW OR SPRING MELT EVENTS.

ALL DITCHES OR SWALES WHICH DO NOT EXHIBIT A MINIMUM OF 85 PERCENT VEGETATIVE GROWTH BY OCTOBER 15, OR WHICH ARE DISTURBED AFTER OCTOBER 15, SHALL BE STABILIZED TEMPORARILY WITH STONE OR EROSION CONTROL BLANKETS APPROPRIATE FOR THE DESIGN FLOW CONDITIONS.

AFTER NOVEMBER 15, INCOMPLETE ROADWAYS, WHERE WORK HAS STOPPED FOR THE WINTER SEASON, SHALL BE PROTECTED WITH A MINIMUM OF 3 INCHES OF CRUSHED GRAVEL



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No.	Submitted / Revision	Appr'd	Date
7	NEW ACCESS ROUTE	AJD	2/14/12
6	REVISED PER COMMENTS	AJD	10/11/11
5	REVISED PER COMMENTS	EKM	9/27/11
4	REVISED PER COMMENTS	EKM	9/23/11
3	ADDED EASC and SHM	JWC	9/19/11
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ROUTE 198 WOODSTOCK, CT 06281

Prepared For
NORTH ATLANTIC TOWERS

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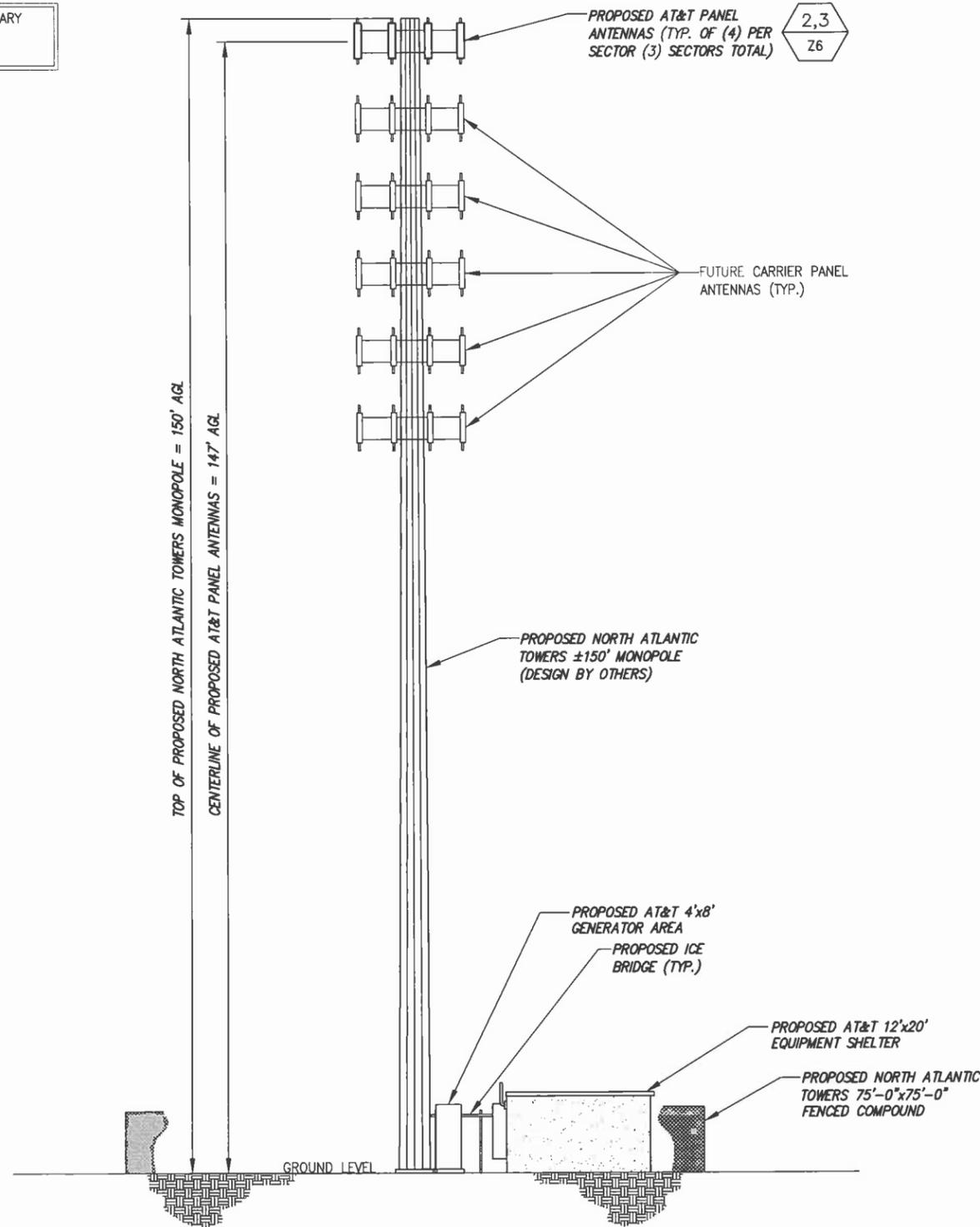
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9/27/11

Drawing Title
GRADING NOTES & DETAILS

Drawing Number
Z5

STRUCTURAL ANALYSIS NOT COMPLETED AT TIME OF ISSUANCE OF THESE DRAWINGS. THE STRUCTURAL ANALYSIS MUST BE COMPLETED PRIOR TO CONSTRUCTION.

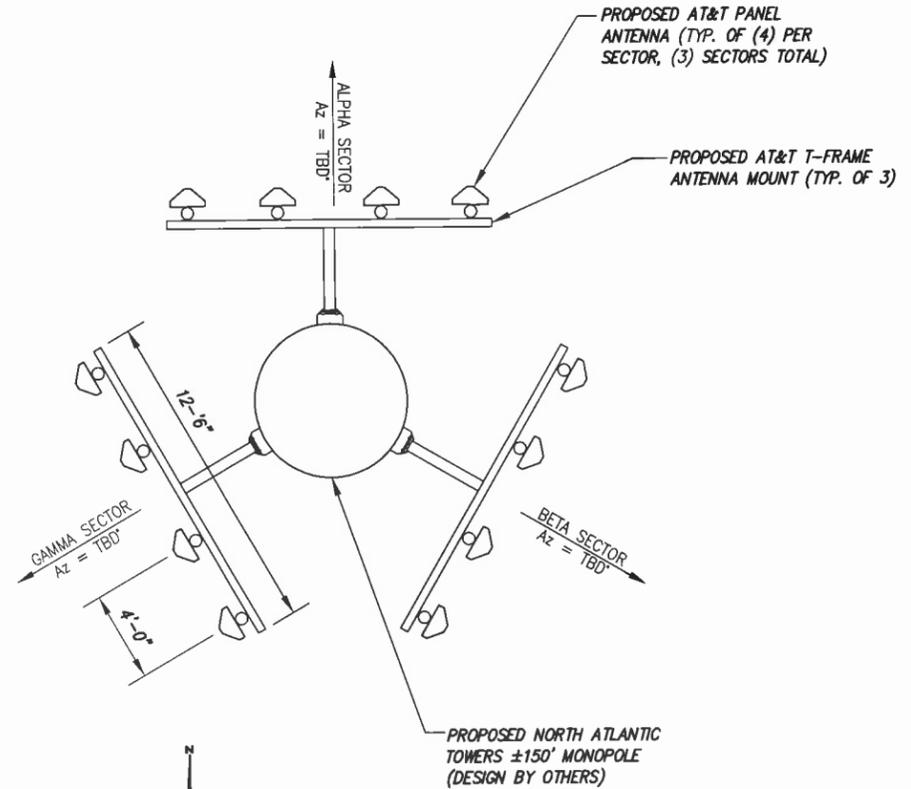
PROPOSED ANTENNA RAD CENTER IS PRELIMINARY AND IS SUBJECT TO CHANGE WITH FINAL RF CONFIGURATION BY RF ENGINEER.



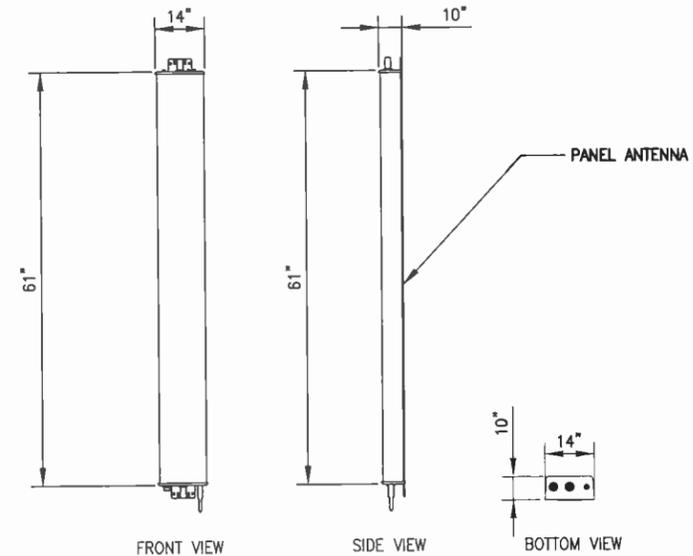
1 TOWER ELEVATION
-- NOT TO SCALE

- GENERAL NOTES:**
1. LOCATION OF PROPOSED ACCESS ROAD BASED ON FIELD VISIT BY INFINIGY ENGINEERING ON 1/19/2012
 2. EXISTING CONDITIONS INFORMATION OBTAINED FROM LIMITED TOPOGRAPHIC FIELD SURVEY COMPLETED BY INFINIGY SURVEYING ON 1/31/2012
 3. WETLAND DELINEATION COMPLETED BY INFINIGY ENGINEERING ON 1/21/2012 DURING WINTER CONDITIONS

- SITE CONSTRUCTION NOTES:**
- GRASS AND MULCH ALL DISTURBED AREAS

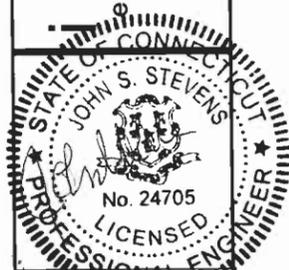


2 ANTENNA ORIENTATION
-- NOT TO SCALE



3 ANTENNA SPECIFICATIONS (AT&T)
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Project Number: 228-084

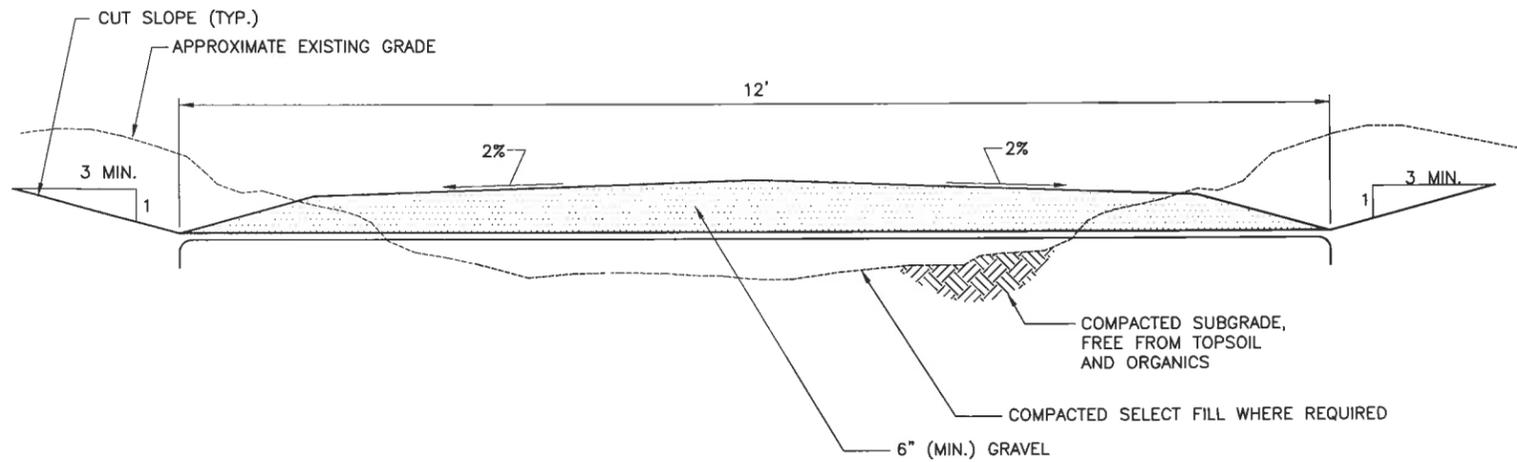
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WOODSTOCK CT1182
ROUTE 198
WOODSTOCK, CT 06281

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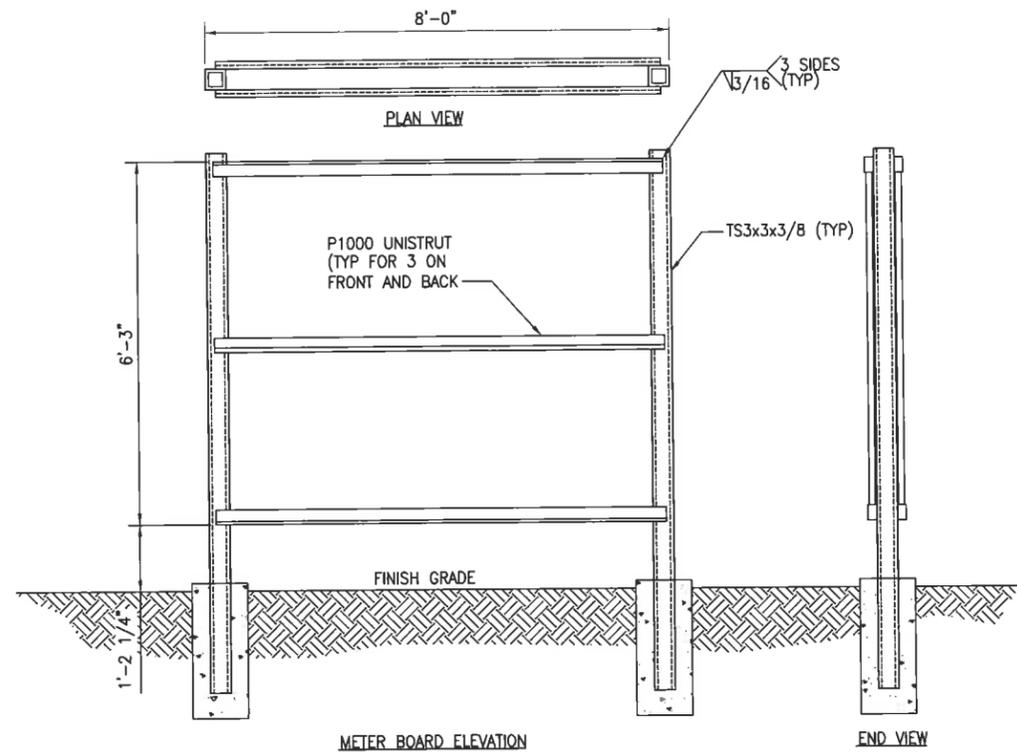
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Date: 9/27/11

Drawing Title:
ELEVATION VIEW

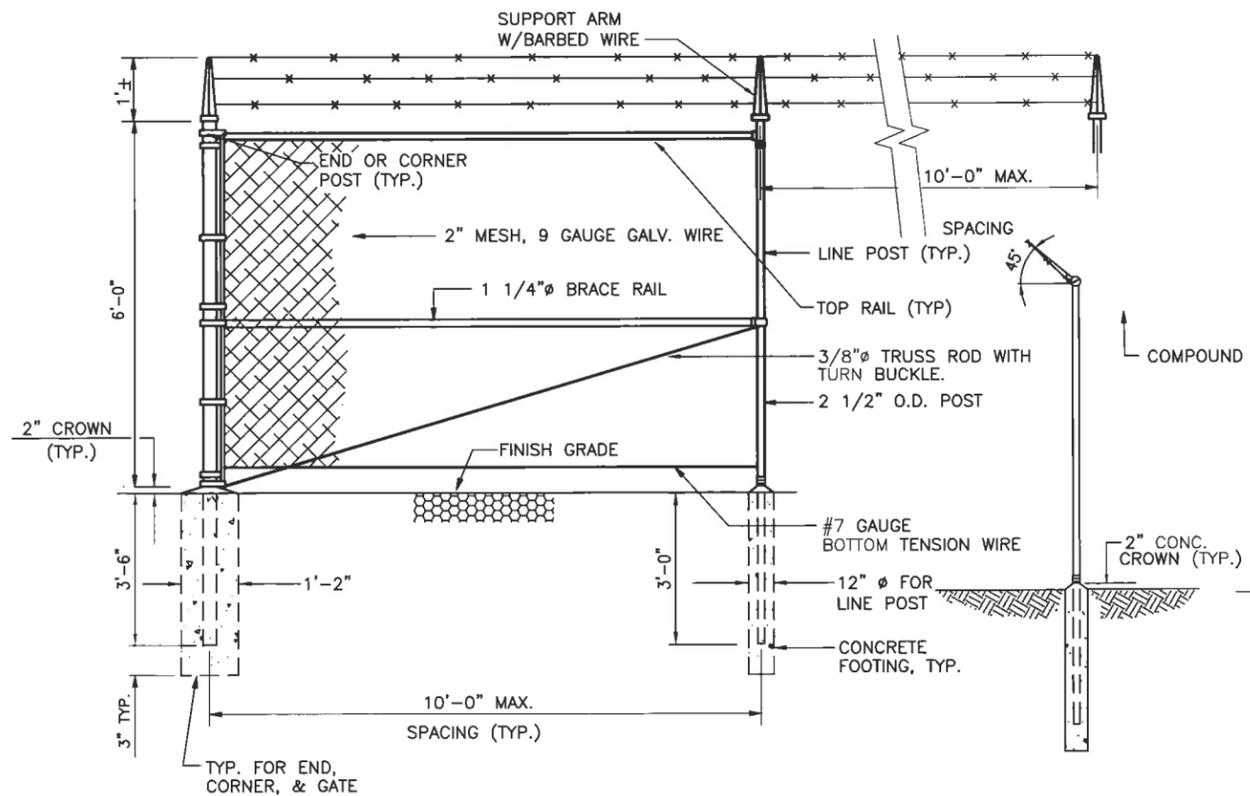
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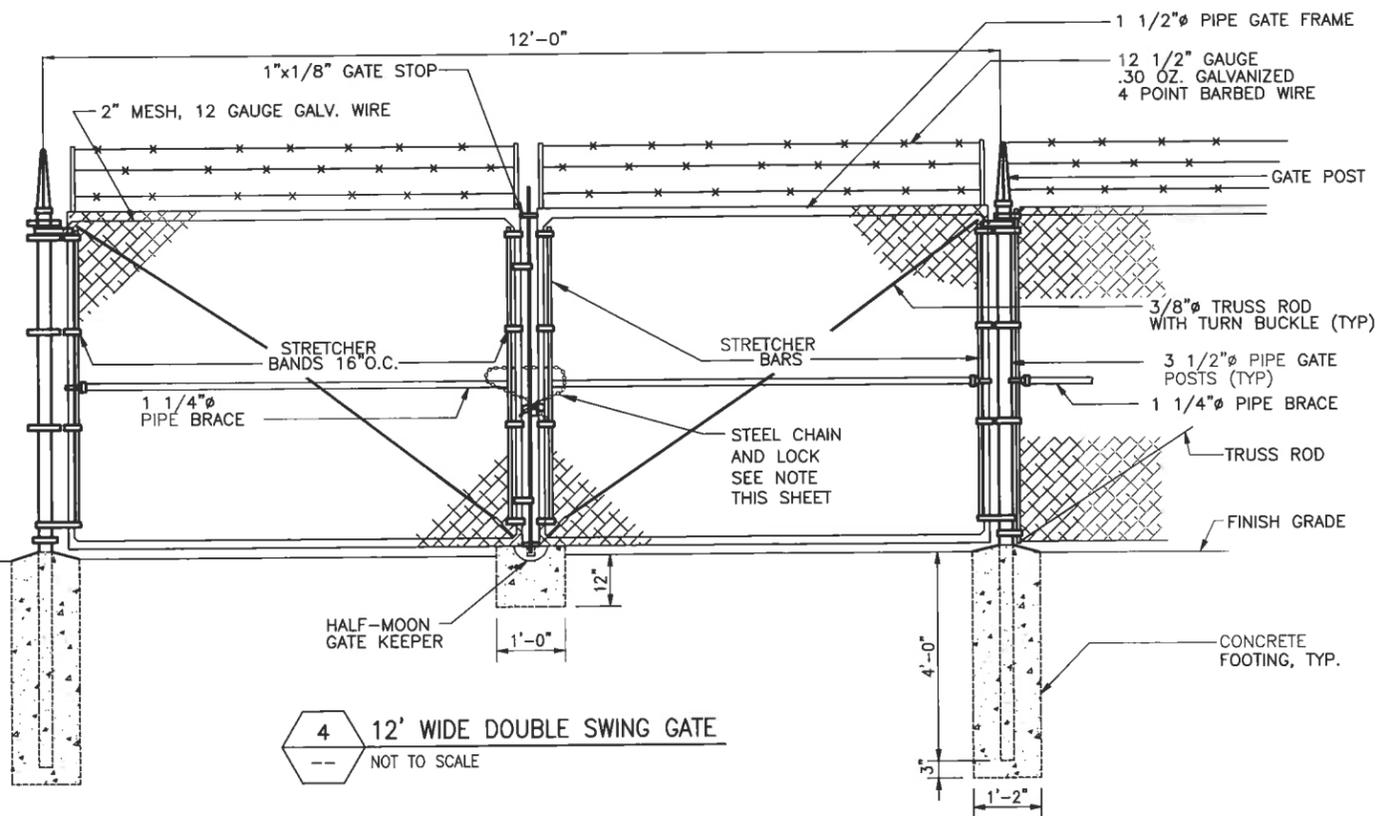
1 DRIVWAY SECTION - CROWNED
NOT TO SCALE



3 8'-0" WIDE METER BOARD FABRICATION DETAIL
NOT TO SCALE



2 CHAIN LINK FENCE DETAIL (ELEVATION)
NOT TO SCALE



4 12' WIDE DOUBLE SWING GATE
NOT TO SCALE



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**WOODSTOCK
CT1182**

ROUTE 198
WOODSTOCK, CT 06281

Prepared For
**NORTH ATLANTIC
TOWERS**

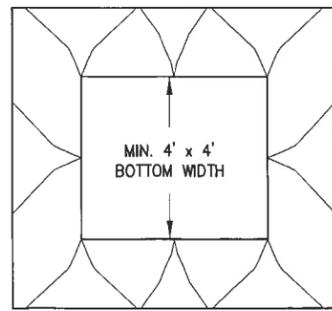
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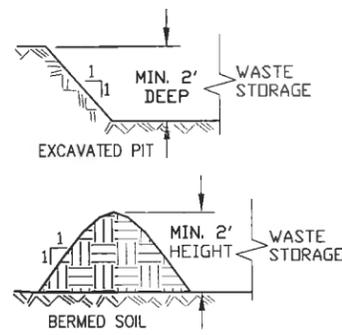
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DETAILS

Drawing Number
27



PLAN VIEW
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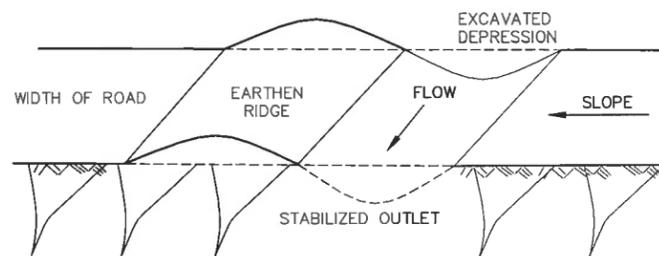


PROFILE VIEWS
NOT TO SCALE

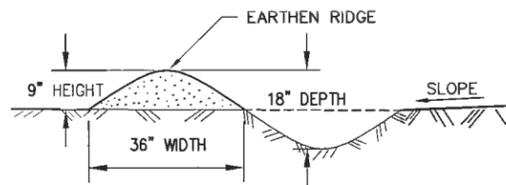
CONSTRUCTION SPECIFICATIONS

1. LOCATE CONTAINMENT PIT ON RELATIVELY LEVEL GROUND
2. DO NOT LOCATE WITHIN 100 FT OF WETLANDS OR STREAMS
3. CLEAN OUT ACCUMULATED WASTE WHEN PIT IS 50% FULL
4. CONTAINMENT AREA MAY BE CREATED BY BERMED UP SOIL

1 WASTE CONTAINMENT AREA
NOT TO SCALE



ISOMETRIC VIEW
NOT TO SCALE



CROSS SECTION
NOT TO SCALE

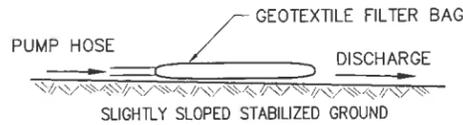
WATER BAR SPACING

% SLOPE	SPACING
2	250'
5	135'
10	80'
15	60'
20	45'
30	35'

CONSTRUCTION SPECIFICATIONS

1. INSTALL WATER BARS AS SOON AS THE RIGHT OF WAY IS CLEARED AND GRUBBED.
2. PLACE MATERIAL FROM THE DIP ONTO THE RIDGE BEFORE CONSTRUCTING ROAD BED. TRACK THE RIDGE SEVERAL TIMES TO COMPACT IT TO THE DESIGN CROSS SECTION.
3. WATER BAR SHALL EXTEND ACROSS ENTIRE ROADWAY WIDTH AT DESIGN SPACINGS.
4. OUTLET SHALL BE LOCATED ON AN UNDISTURBED AREA WITH EXISTING VEGETATION, ADJUSTED SPACING TO USE THE MOST STABLE OUTLET AREAS. OUTLET PROTECTION MUST BE PROVIDED WHEN EXISTING VEGETATED AREAS ARE NOT SUFFICIENTLY STABLE.
5. CROSSING WITH HEAVY VEHICLE USE SHALL BE STABILIZED WITH A 6" GRAVEL LAYER. EXPOSED AREAS OF THE WATER BAR SHALL BE IMMEDIATELY SEEDED AND MULCHED.
6. PERIODICALLY INSPECT WATER BARS FOR EROSION DAMAGE AND SEDIMENT BUILDUP. OBSERVE OUTLET AREAS AND MAKE REPAIRS AS NEEDED TO RESTORE OPERATION.

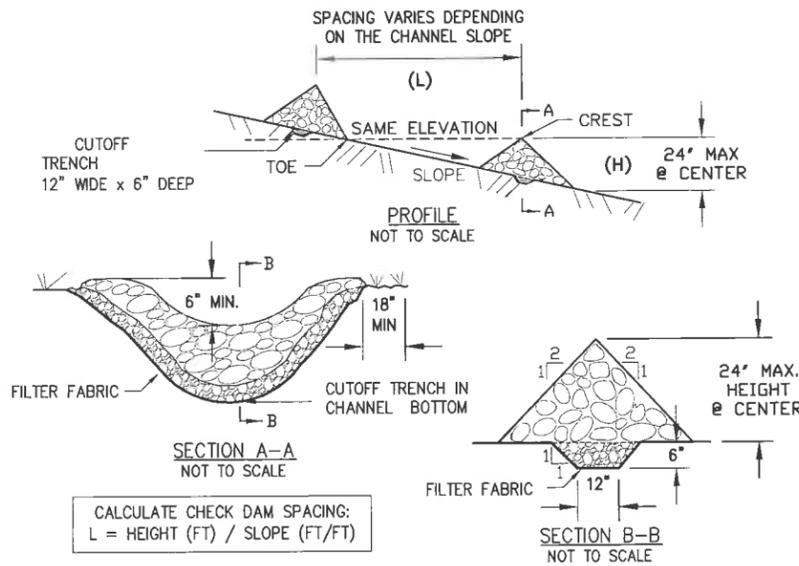
4 WATER BAR DETAIL
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. INSTALL AT DISCHARGE HOSE END WHENEVER DEWATERING
2. DO NOT LOCATE WITHIN 100 FT OF WETLANDS OR STREAMS
3. CLEAN OUT ACCUMULATED SEDIMENT WHEN FABRIC CLOGS
4. MAY USE CONTAINMENT AREA AS AN ALTERNATIVE METHOD

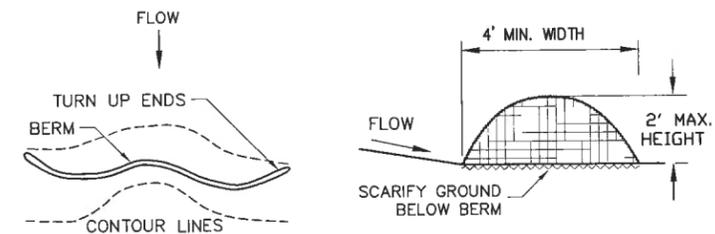
2 DEWATERING DETAIL
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. STONE WILL BE PLACED ON A FILTER FABRIC LAYER IN THE TRENCH TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE EROSION AND SEDIMENT CONTROL PLAN.
2. SET SPACING OF CHECK DAMS TO ALIGN THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
3. EXTEND THE STONE A MINIMUM OF 18 INCHES BEYOND THE DITCH SIDE SLOPES TO PREVENT CUTTING AROUND THE DAM. ENSURE CREST IS 6" LOWER THAN SIDES.
4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH A STONE SPLASH PAD OR EXTEND THE FILTER FABRIC LAYER.
5. ENSURE THAT CHANNEL APPURTENANCES (i.e. CULVERTS OR CATCH BASINS) BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
6. MAINTENANCE - REMOVE ACCUMULATED SEDIMENT FROM BEHIND CHECK DAMS, REPAIR ANY SIDE SLOPES THAT HAVE ERODED, AND REPLACE ANY OF THE DISPLACED STONE.

5 STONE CHECK DAMS
NOT TO SCALE



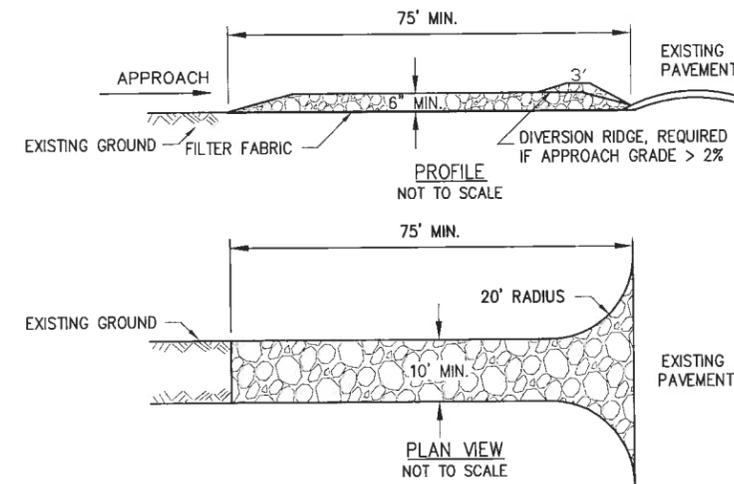
PLAN VIEW
NOT TO SCALE

PROFILE VIEWS
NOT TO SCALE

CONSTRUCTION SPECIFICATIONS

1. INSTALL EROSION CONTROL BERMS ON THE CONTOUR TO POND RUNOFF
2. BERMS MAY BE USED AS AN ALTERNATIVE TO PERIMETER SILT FENCE
3. USE RESTRICTED TO AREAS OF SHEET FLOW, DO NOT USE IN SWALES
4. REMOVE SEDIMENTS WHEN STORAGE CAPACITY IS REDUCED BY 50%
5. BERMS CONSIST OF 50% ORGANIC MATERIAL AND 50% TOPSOIL MIX
6. LOOSELY PLACE MATERIAL TO ALLOW FILTRATION, DO NOT COMPACT
7. COMPOST MAY BE UTILIZED INSTEAD OF AN ONSITE MATERIAL MIXTURE

3 EROSION CONTROL MIX BERM
NOT TO SCALE



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 3" CRUSHED STONE, OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 75 FEET (EXCEPT IF MOUNTABLE BERM IS INSTALLED)
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TEN (10) FOOT MINIMUM, BUT NOT LESS THAN FULL ENTRANCE WIDTH.
5. FILTER FABRIC - PLACED OVER ENTIRE AREA PRIOR TO PLACING OF STONE LAYER
6. DIVERSION RIDGE - REQUIRED IF APPROACH GRADE EXCEEDS 2% (MIN 6" HIGH)
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY (ROW). SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY. AND PROPERLY DISPOSED ON THE PROJECT SITE.
8. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO ROADS.
9. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH CRUSHED STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAP OR BASIN.
10. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

6 STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

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No.	Submittal / Revision	App'd	Date
7	NEW ACCESS ROUTE	AJD	2/14/12
6	REVISED PER COMMENTS	AJD	10/11/11
5	REVISED PER COMMENTS	EKM	8/27/11
4	REVISED PER COMMENTS	EKM	8/23/11
3	ADDED EASC and SWM	JWC	8/16/11
2	REVISED PER COMMENTS	AJD	5/23/11
1	REVISED PER COMMENTS	MER	3/11/11
0	ISSUED FOR REVIEW	BPM	1/18/11

Drawn: BPM Date: 3/11/11
Designed: AJD Date: 3/11/11
Checked: AJD Date: 3/11/11

Project Number
228-084

Project Title
WOODSTOCK CT1182

ROUTE 198
WOODSTOCK, CT 06281

Prepared For

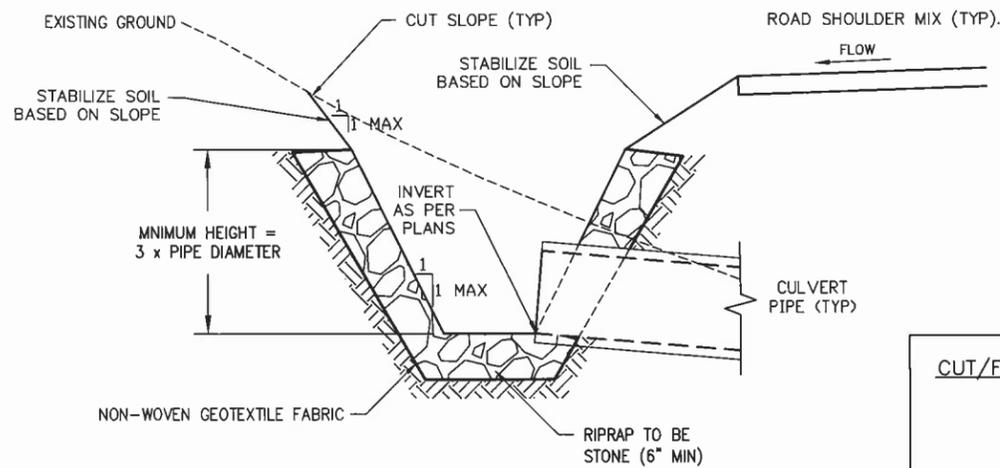


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9/27/11

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**E&S
DETAILS**

Drawing Number
28



1 CULVERT INLET PROTECTION
NOT TO SCALE

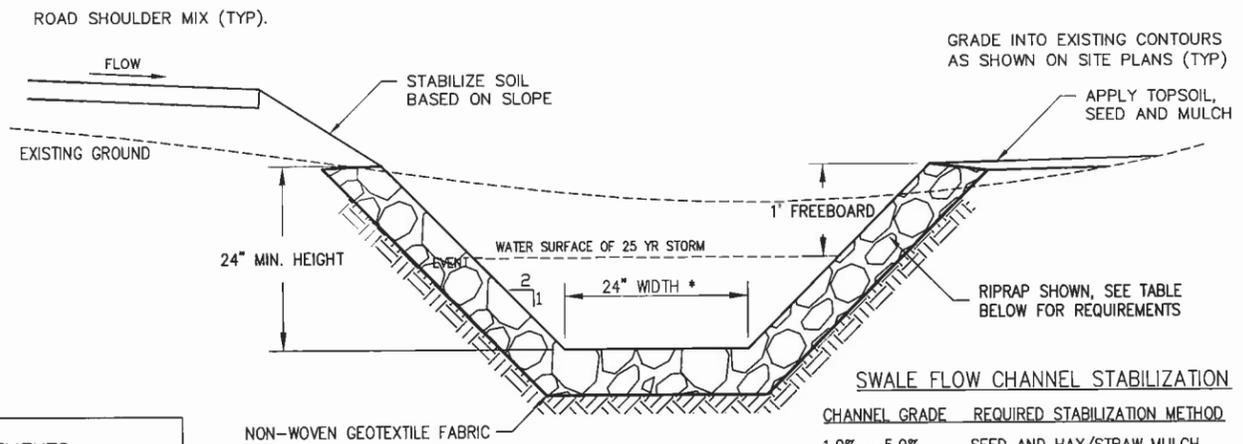
1 CULVERT INLET PROTECTION
NOT TO SCALE

CUT/FILL SLOPE STABILIZATION REQUIREMENTS:

3:1 (H:V) - SEED AND MULCH
 2:1 (H:V) - SEED AND RECP
 1:1 (H:V) - 6" RIPRAP or TRM

MATERIAL SPECIFICATIONS

- RECP (ROLLED EROSION CONTROL PRODUCT) TEMPORARY SLOPE STABILIZATION
- RIPRAP TO BE STONE ABOVE A LAYER OF NON-WOVEN GEOTEXTILE
- TRM (TURF REINFORCING MAT) TO BE PERMANENT CHANNEL STABILIZATION

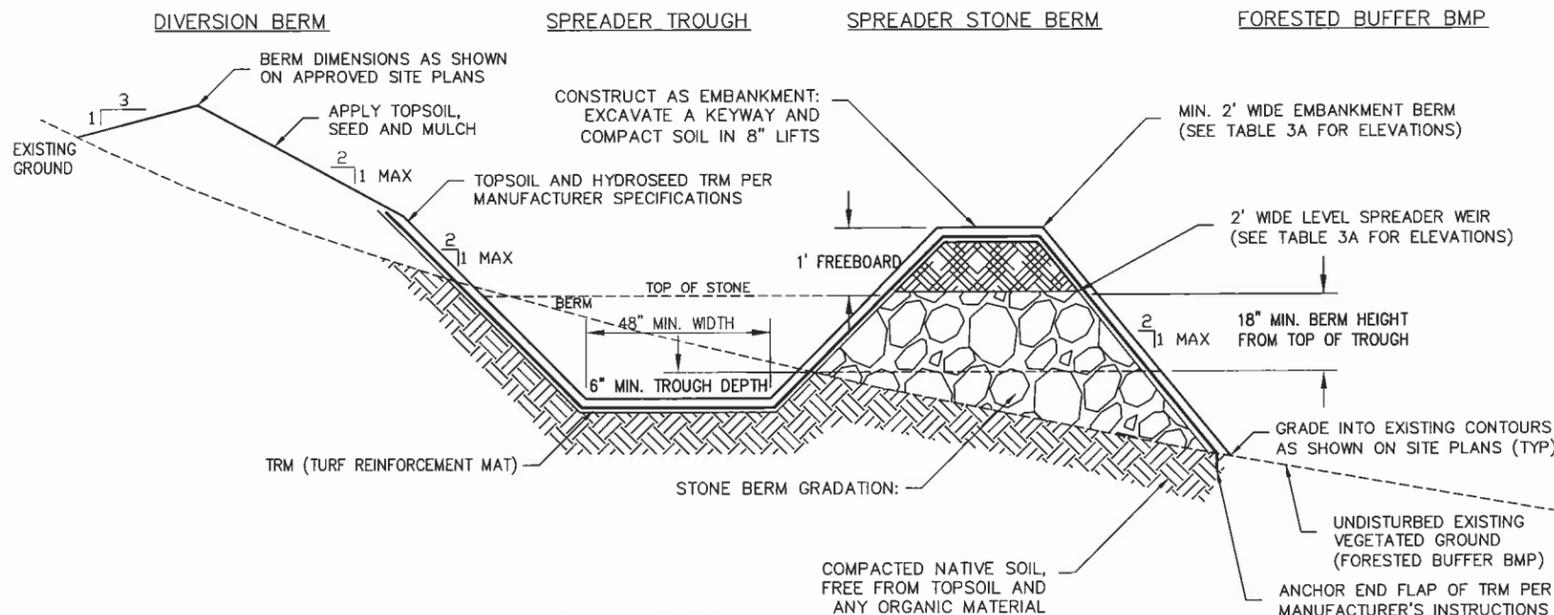


2 RIP RAP SWALE
NOT TO SCALE

SWALE FLOW CHANNEL STABILIZATION

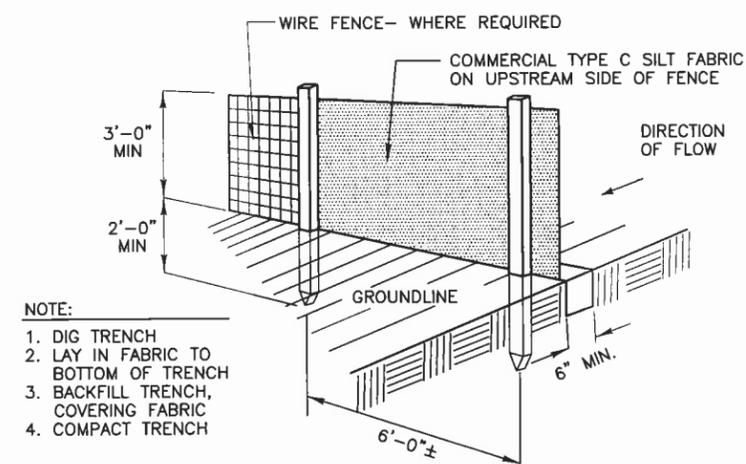
CHANNEL GRADE	REQUIRED STABILIZATION METHOD
1.0% - 5.0%	SEED AND HAY/STRAW MULCH
5.0% - 12.0%	SEED AND ROLLED EROSION CONTROL PRODUCT
12.0% - 20.0%	6" STONE ABOVE A LAYER OF NON-WOVEN GEOTEXTILE

* SEE GRADING PLAN FOR LOCATIONS OF SWALES AND ADDITIONAL DIMENSIONS WITH ELEVATIONS



3 LEVEL SPREADER DETAIL
NOT TO SCALE

3 LEVEL SPREADER DETAIL
NOT TO SCALE



- NOTE:**
1. DIG TRENCH
 2. LAY IN FABRIC TO BOTTOM OF TRENCH
 3. BACKFILL TRENCH, COVERING FABRIC
 4. COMPACT TRENCH

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS: STEEL EITHER T OR U TYPE.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE: WOVEN WIRE, 14 GA. 6" MAX. MESH OPENING. AS DIRECTED BY BANKS CO.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULDGES" DEVELOP IN THE SILT FENCE. PREFABRICATED UNIT: GEOFAB, ENVIROFENCE OR APPROVED EQUAL.
5. ALL SILT FENCE MATERIALS MUST BE LISTED ON THE CURRENT STATES. D.O.T. QUALIFIED PRODUCTS LIST #36.

4 SILT FENCE DETAIL
NOT TO SCALE

REFERENCES:
SEE TABLE 3A ON SHEET Z5 FOR LEVEL SPREADER DIMENSIONS.

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STATE OF CONNECTICUT
JOHN S. STEVENS
 No. 24705
PROFESSIONAL ENGINEER

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Project Number: 228-064

Project Title:
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 ROUTE 198
 WOODSTOCK, CT 06281

Prepared For:
NORTH ATLANTIC TOWERS

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SWM DETAILS

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29

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